



**CONTINUING ELIGIBILITY INSPECTION (CEI) REPORT**  
**FOR HURRICANE & SHORE PROTECTION PROJECTS**  
Honolulu Engineer District  
CEPOH-EC-T

Aoa04rpt-spp.doc

1. Project Name: Aoa Shore Protection Project

2. Date of Inspection: April 12, 2004

3. Inspection Personnel:

	<u>Name</u>	<u>Agency/Office</u>	<u>Telephone No.</u>
a.	Dan Meyers	COE	438-8875
b.	Jessica Hays	COE	438-1680
c.	Reuben Siatu'u	DPW	633-4141

4. CEI Rating:

IAW ER 500-1-1, ( dtd 30 September 2001 ), and based on this CEI, the Project is rated **MARGINALLY SATISFACTORY**, Project Condition Code is **MINIMALLY ACCEPTABLE** and the project is considered **ACTIVE** in the Rehabilitation and Inspection Program.

5. Discussion:

The SPP is 670 LF. Sta. 0+00 is located at the West-End of the project (Opposite the Main Road Side). It appears than some maintenance has been conducted since the last inspection of 3 April 2003. All discrepancies were noted and brought to the representative's attention. The major deficiencies were as follows:



- a. Sta. 0+00, End of west tieback, in need of vegetation removal. Trees have been removed since 2003 inspection.



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- b. Road built over the revetment from 0+35 to 0+49 by DPW. Remove tree at 0+67 interior sideslope, and at 0+70 exterior sideslope toe.



- c. Sta. 1+16, Structure alignment changes perpendicular to shoreline.





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- d. Sta. 1+34, Begin area of settling and undermining. Settling at crest hinge, monitor.



- e. Sta. 1+87, 3 ea. dislodged armor stones at the interior slope and voids. Reset stones and fill void. Remove 4 trees in area.



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f. Sta. 2+47, Reference armor stone on centerline approx. 5 ft in length. Adjacent to restrooms.



g. Sta. 2+82, Split armor stone on crest, dislodged stones on interior slope, and 10 ft area of settling on exterior slope.

h. Sta 3+07, Depression on exterior slope.





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- i. Sta. 3+23, Void at interior sideslope and dislodged stone. Armor stone resting on crest (not shown).



- j. Sta. 3+50, Monitor slight depression through crest and down the sideslope. Flipped stone on crest.



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- k. Sta. 3+83, Void at centerline of crest, dislodged stone at interior toe.



- l. Sta. 4+20, 4 ft wide depression on exterior sideslope hinge.





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- m. Sta. 4+56, 2 ft depression on centerline and hinge of exterior sideslope.



- n. Sta. 4+72, Settling at crest, settling and bridging at interior sideslope hinge.



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- o. Sta. 4+95, Monitor slight settling of one stone at exterior hinge (2'x2').



- p. Sta. 5+43, Settling of exterior sideslope at bend in structure.





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- q. Sta. 5+43, Start of bend toward road. Oversized stones and poor gradation. 15 ft area of settling.



- r. Sta 5+88, Remove woody vegetation (4) adjacent to road.



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- s. Sta. 5+88 to 6+14, View of bridge/road intersecting project, facing east.



- t. Sta. 6+14 to 6+68, East tieback at interior of road. Monitor the steel sheetpiles protecting the inner tieback. Note: The sheetpile is not part of the authorized project.





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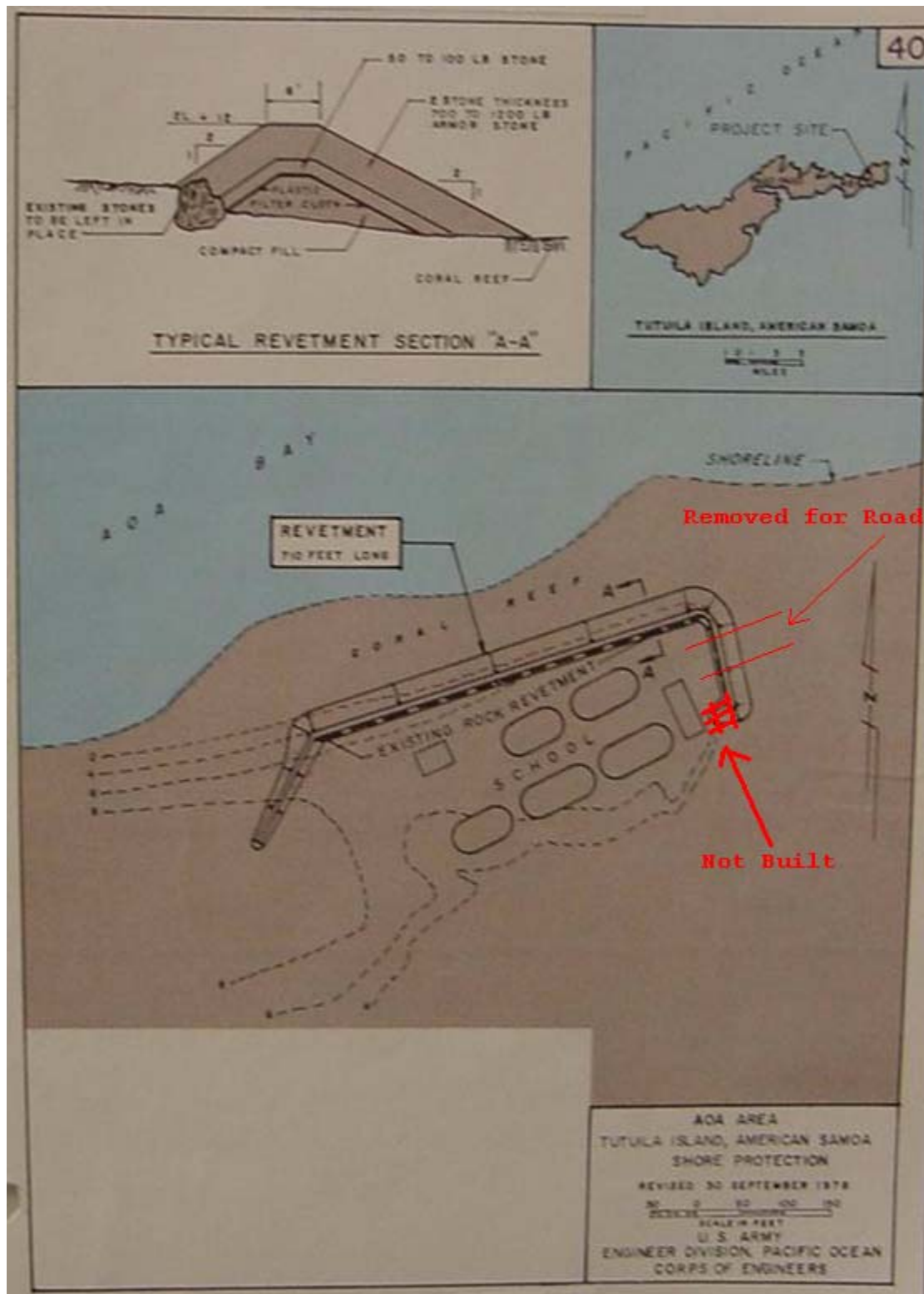
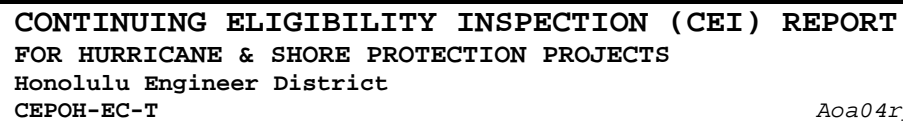
6. Notes / Recommendations:

Structure is primarily in good condition with respect to functionality. The focus of the maintenance required should be directed at vegetation control. Removal or herbicides are recommended in lieu of cutting.

Signed: \_\_\_\_\_  
Jessica Hays, CEPOH-EC-T

Signed: \_\_\_\_\_  
Jim Pennaz, P.E., Ch, CEPOH-EC-T

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## AOA AREA, AMERICAN SAMOA

CONDITION OF IMPROVEMENT 30 SEPTEMBER 1989

PREVIOUS PROJECTS: None.

EXISTING PROJECT: Authorized in July 1975 under Section 103a of the River and Harbor Act of 1962, as amended. Provides for a 710 feet long rock revetment with a crest elevation of 12 feet MLW and side slope of 1V and 2H.

### PROGRESS OF WORK

Completed and Under Maintenance: The project was completed in October 1977.

Work Remaining: None.

### COST OF CONSTRUCTION:

<u>Completed Works:</u>	<u>New Work</u>
United States Funds	\$126,176
Contributed Funds (Required)	<u>126,176</u>
Total Costs	\$252,352

RANGE OF TIDES: The tidal range between mean low water and mean high water is 2.5 feet.